

## Statistics Report 01002, Butter, whipped, with salt

Report Date: September 17, 2015 16:01 EDT

Nutrient values and weights are for edible portion.

Nutrient	Unit	Value Per 100 g	Data Points	Std. Error	Min	Max	df	LB	UB	# Studies	Source	NDB Ref	Last Modified
<b>Proximates</b>													
Water	g	15.87	522	0.061	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Energy	kcal	717	--	--	--	--	--	--	--	--	Calculated or imputed	--	02/2009
Energy	kJ	2999	--	--	--	--	--	--	--	--	Calculated or imputed	--	02/2009
Protein	g	0.85	--	0.074	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Total lipid (fat)	g	81.11	580	0.065	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Ash	g	2.11	--	0.054	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Carbohydrate, by difference	g	0.06	--	--	--	--	--	--	--	--	Calculated or imputed	--	11/1976
Fiber, total dietary	g	0.0	--	--	--	--	--	--	--	--	Assumed zero	--	11/1976
Sugars, total	g	0.06	--	--	--	--	--	--	--	--	Calculated or imputed	--	01/2003
<b>Minerals</b>													
Calcium, Ca	mg	24	--	3.945	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976

Nutrient	Unit	Value Per 100 g	Data Points	Std. Error	Min	Max	df	LB	UB	# Studies	Source	NDB Ref	Last Modified
Iron, Fe	mg	0.16	--	0.017	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Magnesium, Mg	mg	2	--	0.188	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Phosphorus, P	mg	23	--	2.508	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Potassium, K	mg	26	--	2.333	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Sodium, Na	mg	659	--	--	--	--	--	--	--	--	Calculated or imputed	--	06/2013
Zinc, Zn	mg	0.05	--	0.006	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Copper, Cu	mg	0.016	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Manganese, Mn	mg	0.004	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Selenium, Se	µg	1.0	--	0.820	--	--	--	--	--	--	Analytical or derived from analytical	--	12/1997
Fluoride, F <sup>1 3 4</sup>	µg	2.8	--	0.674	1.5	3.8	2.0	-0.134	5.667	3	Analytical or derived from analytical	--	03/2006

Vitamins

Nutrient	Unit	Value Per100 g	Data Points	Std. Error	Min	Max	df	LB	UB	# Studies	Source	NDB Ref	Last Modified
Vitamin C, total ascorbic acid	mg	0.0	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Thiamin	mg	0.005	--	0.001	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Riboflavin	mg	0.034	--	0.004	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Niacin	mg	0.042	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Pantothenic acid	mg	0.110	--	--	--	--	--	--	--	--	Calculated or imputed	--	11/1976
Vitamin B-6	mg	0.003	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Folate, total	μg	3	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Folic acid	μg	0	--	--	--	--	--	--	--	--	Assumed zero	--	01/2001
Folate, food	μg	3	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	02/2009
Folate, DFE	μg	3	--	--	--	--	--	--	--	--	Calculated or imputed	--	02/2009
Choline, total <sup>2</sup>	mg	18.8	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	12/2006

Nutrient	Unit	Value Per100 g	Data Points	Std. Error	Min	Max	df	LB	UB	# Studies	Source	NDB Ref	Last Modified
Betaine <sup>2</sup>	mg	0.3	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	12/2006
Vitamin B-12	µg	0.13	--	--	--	--	--	--	--	--	Calculated or imputed	--	11/1976
Vitamin B-12, added	µg	0.00	--	--	--	--	--	--	--	--	Assumed zero	--	04/2005
Vitamin A, RAE	µg	684	--	--	--	--	--	--	--	--	Calculated or imputed	--	02/2009
Retinol	µg	671	--	--	--	--	--	--	--	--	Calculated or imputed	--	02/2009
Carotene, beta	µg	158	--	--	--	--	--	--	--	--	Calculated or imputed	01001	01/2003
Carotene, alpha	µg	0	--	--	--	--	--	--	--	--	Assumed zero	--	01/2003
Cryptoxanthin, beta	µg	0	--	--	--	--	--	--	--	--	Assumed zero	--	01/2003
Vitamin A, IU	IU	2499	--	--	--	--	--	--	--	--	Calculated or imputed	--	02/2009
Lycopene	µg	0	--	--	--	--	--	--	--	--	Assumed zero	--	01/2003
Lutein + zeaxanthin	µg	0	--	--	--	--	--	--	--	--	Assumed zero	--	01/2003
Vitamin E (alpha-tocopherol)	mg	2.32	--	--	--	--	--	--	--	--	Calculated or imputed	01001	01/2003
Vitamin E, added	mg	0.00	--	--	--	--	--	--	--	--	Assumed zero	--	09/2004
Vitamin D (D2 + D3)	µg	1.5	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	02/2009
Vitamin D3 (cholecalciferol)	µg	1.5	--	--	--	--	--	--	--	--	Calculated or imputed	01211	02/2009
Vitamin D	IU	60	--	--	--	--	--	--	--	--	Calculated or imputed	01211	02/2009
Vitamin K (phylloquinone)	µg	7.0	--	--	--	--	--	--	--	--	Calculated or imputed	01001	01/2003

## Lipids

Nutrient	Unit	Value Per100 g	Data Points	Std. Error	Min	Max	df	LB	UB	# Studies	Source	NDB Ref	Last Modified
Fatty acids, total saturated	g	50.489	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
4:0	g	2.630	52	0.044	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
6:0	g	1.557	68	0.035	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
8:0	g	0.906	89	0.022	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
10:0	g	2.034	89	0.042	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
12:0	g	2.277	89	0.053	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
14:0	g	8.157	88	0.101	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
16:0	g	21.334	88	0.270	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
18:0	g	9.829	88	0.132	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Fatty acids, total monounsaturated	g	23.426	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976

Nutrient	Unit	Value Per 100 g	Data Points	Std. Error	Min	Max	df	LB	UB	# Studies	Source	NDB Ref	Last Modified
16:1 undifferentiated	g	1.816	71	0.059	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
18:1 undifferentiated	g	20.405	78	0.266	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
20:1	g	0.000	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	02/1995
22:1 undifferentiated	g	0.000	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	02/1995
Fatty acids, total polyunsaturated	g	3.012	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
18:2 undifferentiated	g	1.832	74	0.064	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
18:3 undifferentiated	g	1.180	65	0.064	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
18:4	g	0.000	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	02/1995
20:4 undifferentiated	g	0.000	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
20:5 n-3 (EPA)	g	0.000	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	02/1995

Nutrient	Unit	Value Per100 g	Data Points	Std. Error	Min	Max	df	LB	UB	# Studies	Source	NDB Ref	Last Modified
22:5 n-3 (DPA)	g	0.000	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	02/1995
22:6 n-3 (DHA)	g	0.000	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	02/1995
Cholesterol	mg	219	--	6.371	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
<b>Amino Acids</b>													
Tryptophan	g	0.012	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Threonine	g	0.038	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Isoleucine	g	0.051	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Leucine	g	0.083	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Lysine	g	0.067	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Methionine	g	0.021	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Cystine	g	0.008	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976

Nutrient	Unit	Value Per100 g	Data Points	Std. Error	Min	Max	df	LB	UB	# Studies	Source	NDB Ref	Last Modified
Phenylalanine	g	0.041	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Tyrosine	g	0.041	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Valine	g	0.057	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Arginine	g	0.031	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Histidine	g	0.023	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Alanine	g	0.029	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Aspartic acid	g	0.064	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Glutamic acid	g	0.178	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Glycine	g	0.018	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
Proline	g	0.082	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976

Nutrient	Unit	Value Per100 g	Data Points	Std. Error	Min	Max	df	LB	UB	# Studies	Source	NDB Ref	Last Modified
Serine	g	0.046	--	--	--	--	--	--	--	--	Analytical or derived from analytical	--	11/1976
<b>Other</b>													
Alcohol, ethyl	g	0.0	--	--	--	--	--	--	--	--	Assumed zero	--	04/1985
Caffeine	mg	0	--	--	--	--	--	--	--	--	Assumed zero	--	01/2003
Theobromine	mg	0	--	--	--	--	--	--	--	--	Assumed zero	--	01/2003

**Sources of Data**<sup>1</sup>Robert Ophaug Fluoride, Unpublished - Ophaug, Microdiffusion<sup>2</sup>Nutrient Data Laboratory, ARS, USDA Choline Study, Local pickup UNC, NFNAP, 2003 Beltsville MD<sup>3</sup>Donald Taves Dietary Intake of Fluoride Ashed (total fluoride) v. Unashed (inorganic fluoride) Analysis of Individual Foods, 1983 British Journal of Nutrition 49 pp.295-301<sup>4</sup>A. Kingman Unpublished data. NIDR/NIH, 1984, Unpublished data. NIDR/NIH, 1984.